

WHAT IS CLAIMED IS:

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1. A piezoelectric generator comprising an oscillator package, including a piezoelectric oscillator sealed in a container and electrodes for external connection formed on the surface of the container, and an electronic component mounted integrally on the oscillator package, wherein, the electronic component is mounted on the same surface of said container that carries the electrodes for external connection thereon.
2. The piezoelectric generator according to claim 1, wherein said container is composed of a multi-layer substrate having a recess for the storage of the piezoelectric oscillator and a lid member fixed to the multi-layer substrate so as to cover the recess, and said electronic component and said electrodes for external connection are provided on the surface of the multi-layer substrate on the side opposite the lid member.
3. The piezoelectric generator according to claim 2, wherein said multi-layer substrate has a substantially quadrangular shape, and said electrodes for external connection are arranged near the four corners of the multi-layer substrate, individually.
4. The piezoelectric generator according to claim 3, wherein said electrodes for external connection are projecting electrodes having a height greater than the mounting height of the electronic component.
5. The piezoelectric generator according to claim 4, wherein each said projecting electrode is a ball-

shaped electrode formed of a solder ball.

6. The piezoelectric generator according to claim 1, 2 or 4, wherein said electronic component is composed of an IC chip and a capacitor.

5 7. The piezoelectric generator according to claim
6, wherein said IC chip is mounted substantially on the
central portion the multi-layer substrate, said
capacitor is mounted adjacent to one side of the IC
chip, and an injection area for a sealing resin is
0 provided on the other side of the IC chip.

8. The piezoelectric generator according to claim 6, wherein said sealing resin for sealing the IC chip is injected from the side of an area on which the capacitor is not mounted.

15 9. The piezoelectric generator according to claim
1 or 2, wherein said electronic component is composed
112 of at least an IC chip and said multi-layer substrate
has an inspection terminal for the piezoelectric
oscillator in a position within the IC chip mounting
20 area and off connecting terminals of the IC chip.

10. The piezoelectric generator according to claim 1, wherein said piezoelectric oscillator is a crystal oscillator.

11. The piezoelectric generator according to claim 2 or 3, wherein the outer peripheral sidewall surface of said multi-layer substrate is provided with terminals for adjustment. 62-10617

12. A structure for mounting a piezoelectric generator on a mountable substrate, the piezoelectric generator being the

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an electronic component mounted on the lower surface of the substrate.

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15. The piezoelectric generator according to claim 13, wherein said substrate is quadrangular.

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